

**WHAT IS CLAIMED IS:**

1. A security system comprising:

detecting means for detecting the presence of an intruder in a predetermined area or a plurality of predetermined areas; and

5 communicating means for communicating via satellite signals to a processing center the detection of the presence of the intruder in the predetermined area or in one or more of the plurality of predetermined areas;

wherein the satellite signals encode data alerting the processing center to the presence of said intruder in said predetermined area or said one or more of the plurality of  
10 predetermined areas.

2. The security system of claim 1, wherein the communicating means comprises a satellite return channel.

15 3. The security system of claim 1, wherein the satellite signals are transmitted at a DBS frequency.

4. The security system of claim 1, wherein the satellite signals are transmitted at a FSS frequency.

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5. The security system of claim 1, wherein the detecting means comprises a detection apparatus interface.

25 6. The security system of claim 1, wherein the processing center comprises a provider antenna for transmitting and/or receiving satellite signals.

7. The security system of claim 1, wherein the predetermined area or plurality of predetermined areas is operatively associated with a subscriber antenna at a subscriber location.

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8. The security system of claim 1, wherein the detection of the intruder activates the transmission of satellite signals.

5 9. The security system of claim 1, wherein the detection of the intruder interrupts the transmission of satellite signals.

10. The security system of claim 1, wherein the detection of the intruder alters the frequency of the satellite signals.

10 11. The security system of claim 1, wherein the frequency of the satellite signals corresponds to a predetermined security condition.

12. The security system of claim 1, further comprising selection means for selecting an active or inactive mode for the security system.

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13. The security system of claim 1, further comprising processing means at the processing center for processing satellite signals encoding data alerting said processing center to the presence of the intruder in the predetermined area or plurality of predetermined areas.

20 14. The security system of claim 1, further comprising means for providing local response to detection of the intruder.

15. A security system comprising:

25 detecting means at a subscriber location for detecting the presence of an intruder in a predetermined area or a plurality of predetermined areas;

communicating means for communicating via satellite signals to a processing center the detection of the presence of the intruder in the predetermined area or in one or more of the plurality of predetermined areas; and

30 processing means at the processing center for receiving and processing the satellite signals to produce a local response;

wherein the satellite signals encode data alerting the processing center to the presence of said intruder in said predetermined area or in the one or more of the plurality of predetermined areas.

5           16.     The security system of claim 15, wherein the communicating means comprises a satellite return channel.

          17.     The security system of claim 15, wherein the satellite signals are transmitted at a DBS frequency.

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          18.     The security system of claim 15, wherein the satellite signals are transmitted at a FSS frequency.

15           19.     The security system of claim 15, wherein the detecting means comprises a detection apparatus interface.

          20.     The security system of claim 15, wherein the processing center comprises a provider antenna for transmitting and/or receiving satellite signals.

20           21.     The security system of claim 15, wherein the predetermined area or plurality of predetermined areas is operatively associated with a subscriber antenna at a subscriber location.

25           22.     The security system of claim 15, wherein the detection of the intruder activates the transmission of satellite signals.

          23.     The security system of claim 15, wherein the detection of the intruder interrupts the transmission of satellite signals.

30           24.     The security system of claim 15, wherein the detection of the intruder alters the frequency of the satellite signals.

25. The security system of claim 15, wherein the frequency of the satellite signals corresponds to a predetermined security condition.

5 26. The security system of claim 15, further comprising selection means for selecting an active or inactive mode for the security system.

27. The security system of claim 15, further comprising processing means at the processing center for processing satellite signals encoding data alerting said processing center  
10 to the presence of the intruder in the predetermined area or plurality of predetermined areas.

28. The security system of claim 15, further comprising means for providing local response to detection of the intruder.

15 29. A security system comprising:

communicating means for communicating via satellite signals to a processing center the detection of the presence of an intruder in a predetermined area or in a plurality of predetermined areas; and

detecting interface means for operatively associating the communicating means with  
20 detecting means, said detecting means being able to detect the presence of an intruder in the predetermined area or in one or more of the plurality of predetermined areas;

wherein the satellite signals encode data alerting the processing center to the presence of said intruder in said predetermined area or said one or more of the plurality of predetermined areas.

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30. The security system of claim 29, wherein the communicating means comprises a satellite return channel.

31. The security system of claim 29, wherein the satellite signals are transmitted at  
30 a DBS frequency.

32. The security system of claim 29, wherein the satellite signals are transmitted at a FSS frequency.

33. The security system of claim 29, wherein the detecting means comprises a  
5 detection apparatus interface.

34. The security system of claim 29, wherein the processing center comprises a provider antenna for transmitting and/or receiving satellite signals.

10 35. The security system of claim 29, wherein the predetermined area or plurality of predetermined areas is operatively associated with a subscriber antenna at a subscriber location.

36. A security system comprising:  
15 a subscriber antenna at a subscriber location for communicating via satellite signals to a processing center the detection of the presence of an intruder in a predetermined area or in a plurality of predetermined areas; and

detection interface apparatus capable of operatively associating with means for detecting the presence of an intruder in the predetermined area or in one or more of the  
20 plurality of predetermined areas;

wherein the satellite signals encode data alerting the processing center to the presence of said intruder in said predetermined area or in the one or more of the plurality of predetermined areas.

25 37. The security system of claim 36, further comprising a provider antenna at a provider location for communicating via satellite signals to the subscriber antenna.

38. A method of communicating the presence of an intruder in a predetermined area via satellite comprising:

30 detecting the presence of an intruder in a predetermined area or a plurality of predetermined areas; and

communicating via satellite signals to a processing center the detection of the presence of the intruder in the predetermined area or in one or more of the plurality of predetermined areas;

5 wherein the satellite signals encode data alerting the processing center to the presence of said intruder in said predetermined area or said one or more of the plurality of predetermined areas.

39. A method of communicating the presence of an intruder in a predetermined area via satellite comprising:

10 detecting at a subscriber location the presence of an intruder in a predetermined area or a plurality of predetermined areas;

communicating via satellite signals to a processing center the detection of the presence of the intruder in the predetermined area or in one or more of the plurality of predetermined areas; and

15 receiving and processing at the processing center the satellite signals to produce a local response;

wherein the satellite signals encode data alerting the processing center to the presence of said intruder in said predetermined area or in the one or more of the plurality of predetermined areas.

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